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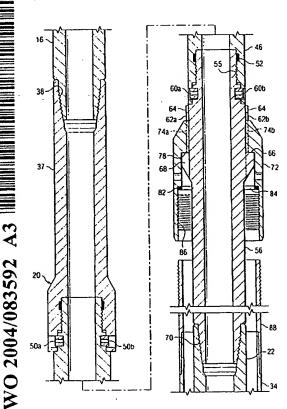
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR RUNNING A RADIALLY EXPANDABLE TUBULAR MEMBER



(57) Abstract: A tubular apparatus (20) and method, according to which a first tubular member (34) is adapted to be lowered into a well bore and a second tubular member (120) is connected to the first tubular member (34). A third tubular member (102, 112) is normally connected to the first tubular member (34) and disconnected from the second tubular member (102, 112), and is adapted for movement relative to the first (34) and second tubular (120, 112) members to disconnect from the first tubular member (34) and connect to the second tubular member (102, 112).

GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE. AG. AL. AM. AT. AU. AZ. BA. BB. BG. BR. BW. BY. BZ. CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR. HU, ID. IL. IN. IS. JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG. PH. PL. PT. RO. RU. SC. SD. SE. SG. SK, SL. SY. TJ. TM. TN. TR. TT. TZ. UA. UG. UZ. VC. VN. YU. ZA. ZM. ZW. ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG. CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT. RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ,

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International application No.

PCT/US04/08073

A. CLASSID/CATTON OF SUBJECT MATTER IPC(7) (E21B 17/00, 19/16 US CL : 1667/27, 7,380,208 According to Inturnational Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 166/242, 7,380,277,377,378,381,382,77,51,301,206,242,1,242,6,207,208 Discurrentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Fleuer Sea Cuntinuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Citagory Citation of document, with indication, where appropriate, of the relevant passages Relevant to cluim Not X.P.L V.P.L US 2003/0075337 A1 (Maguire) 24 April 2003 (24.04.2003), see Figures. 27 V US 2002/0139540 A1 (Lauritzen) 03 OCtober 2002 (03.10.2002), see paragraph 0038. 27 A US 4,915,177 A (Claycomb) 10 April 1990 (10.04.1990), see Figures. 1-20 US 4,995,464 A (Watkins et al.) 26 February 1991 (26.02.1991), see Figures. 1-20 US 3,667,547 A (Ahlstone) 06 June 1972 (06.06.1972), see Figures. 1-20			
US CL : T667Z47.7,380,208 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 166/Z42.7,380,277.377.378,381,382,77.51,301.206,242.1,242.6,207,208 Documentation searched other than minimum documentation to the extent that such documents are included in the fields scarched effectivatic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Ficuse Sea Continuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Cittegory Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 2.1. V.P.L US 2003/0075337 A1 (Maguire) 24 April 2003 (24.04.2003), see Figures. 21-26.28-34 Y.P.L US 2002/0139540 A1 (Lauritzen) 03 October 2002 (03.10.2002), see paragraph 0038. 27 A US 4.915,177 A (Claycomb) 10 April 1990 (10.04.1990), see Figures. 1-20 US 4.995,464 A (Walkins et al.) 26 February 1991 (26.02.1991), see Figures.			
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A. T US 6,516,887 B2 (Nguyen et al.) 11 February 2003 (11.02,2003), see Figures. 1-20			
Further documents are listed in the continuation of Box C. See patent family annex.			
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INTERNATIONAL SEARCH REPORT

C. (Continu	uation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	US 6,732,806 B2 (Mauldin et al.) 11 May 2004 (11.05.2004), see Figures.	21-34
A.E	US 6.695.065 B2 (Simpson et al.) 24 February 2004 (24.02.2004), see Figures.	21-34
A.P.L	US 6,543,552 B1 (Metcalfe et al.) 08 April 2003 (08.04.2003), see Figures.	21-34
A.P.L	US 6.543.545 B1 (Chatterji et al.) 08 April 2003 (08.04.2003), see Figures.	21-34
A	US 6,325,148 B1 (Trahan et al.) 04 December 2001 (04.12.2001), see Figures.	21-34
A	US 5,785,120 A (Smalley et al.) 28 July 1998 (28.07.1998), see Figures.	21-34
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Continuation of B. FIELDS SEARCHED Item 3: EAST search terms: expandable casing, expandable tubing, expandable liner, connection, thread, torque, cement, resistance, restriction, obstruction, expander, expansion cone, expansion mandrel, rotation, tension, liner hanger

INTERNATIONAL SEARCH REPORT

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